



Casper Suite Release Notes

Version 8.5

 JAMF Software, LLC

© 2012 JAMF Software, LLC. All rights reserved.

JAMF Software has made all efforts to ensure that this guide is accurate.

JAMF Software
301 4th Ave S Suite 1075
Minneapolis, MN 55415-1039
(612) 605-6625

Apache Tomcat and Tomcat are trademarks of the Apache Software Foundation.

Apple, the Apple logo, and Mac OS X are trademarks of Apple Inc., registered in the U.S. and other countries.

Casper Admin, Casper Imaging, Casper Remote, the Casper Suite, Composer, JAMF Software, the JAMF Software logo, JAMF Software Server (JSS), and Self Service are trademarks of JAMF Software, LLC, registered in the U.S. and other countries.

Intel is a registered trademark of the Intel Corporation in the U.S. and other countries.

iOS is a trademark or registered trademark of Cisco in the U.S. and other countries.

Maker's Mark is a registered trademark of Beam Global Spirits & Wine, Inc.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

All other products and service names mentioned are the trademarks of their respective companies.

Contents

4	What's New in This Release
5	Installation
5	Compatibility
5	Upgrading the Casper Suite on Mac OS X Server
7	Upgrading the JSS to Mac OS X Server 10.7
8	Implemented Feature Requests in 8.5
8	Composer
8	JAMF Software Server
9	Recon
9	Self Service
10	Bug Fixes and Enhancements in 8.5
10	Casper Admin
10	Casper Imaging
10	Casper Remote
11	Composer
12	jamfHelper
12	JAMF Software Server
16	JSS Database Utility
16	JSS Installer for Windows
16	Recon
16	Recon.exe
16	Self Service
17	/usr/sbin/jamf (jamf binary)
18	Implemented Feature Requests in 8.5.1
19	Bug Fixes and Enhancements in 8.5.1
19	Casper Admin

What's New in This Release

The following features are new in the Casper Suite v8.5:

- **eBook distribution.** The JSS allows you to distribute in-house eBooks, eBooks available in the iBookstore, and VPP codes for eBooks. Supported eBook file formats include iBooks files (.ibooks), ePub files (.epub), and PDF files.
- **Remote commands for Mac OS X 10.7 (Lion).** The JSS allows you to run remote lock, remote unmanage, and remote wipe commands on Mac OS X 10.7 computers.
- **Connected mobile device enrollment with Apple Configurator.** The JSS allows you to enroll connected devices with Apple Configurator.
- **Target Mode Imaging.** You can image computers in mass by booting them to target disk mode and connecting them to a host computer via FireWire or Thunderbolt.
- **Winclone 3 support.** You can deploy a Winclone 3 image to a partition.

For a complete list of implemented feature requests, bug fixes, and enhancements, see the “Implemented Feature Requests” and “Bug Fixes and Enhancements” sections.

Installation

Compatibility

JAMF Software makes every effort to ensure backwards compatibility with earlier versions of the Casper Suite. Use the most current version of the Casper Suite to take full advantage of new features and bug fixes.

Security measures built into the JSS prevent earlier versions of Casper Remote from working with newer versions of the JSS. Casper Admin also requires a JSS running the same version.

Upgrading the Casper Suite on Mac OS X Server

Use the JSS Installer for Mac (JSS_Installer.mpkg) to upgrade the Casper Suite on Mac OS X Server.

Requirements

A Mac computer with:

- An Intel processor
- 2 GB of RAM
- 400 MB of disk space available
- Mac OS X Server 10.6 or later
- Java 1.6
- MySQL Enterprise Edition 5.5 or later (recommended) or MySQL Community Server 5.5 or later, available at:
<http://www.mysql.com/downloads/>
- Ports 8443 and 9006 available

Upgrading

To upgrade the Casper Suite:

1. Back up your current database.
2. Copy the most current version of the JSS Installer for Mac (JSS_Installer.mpkg) to the server.
3. Double-click the installer to open it, and then click **Continue**.
4. When the Introduction pane appears, click **Continue**.
5. Read the information on the Read Me pane, and then click **Continue**.
6. Select a disk on which to install the software, and then click **Continue**.

7. If the Database pane appears, enter information about your MySQL database. Then, click **Continue**. The JSS Installer uses this information to connect to the existing database.

Note: This pane is only displayed if the database .xml file is in a custom location or contains invalid information.

8. Click **Install**.
9. Enter your administrator password when prompted, and then click **OK**.
10. When the upgrade is complete, follow the instructions on the Summary pane to access the JSS. Then, click **Close**.

If you scheduled database backups with the JSS Database Utility v8.2, it is recommended that you reschedule the backups using the updated version of the JSS Database Utility. (See “Backing Up the Database” in your product Administrator’s Guide for detailed instructions.)

Enabling Certificate-Based Communication

If you are upgrading from the Casper Suite v8.2 or earlier, it is recommended that you enable certificate-based communication. Enabling certificate-based communication ensures that all messages from Mac OS X clients to the JSS are signed with a valid signature.

To enable certificate-based communication:

1. Log in to the JSS with a web browser.
2. Click the **Settings** tab.
3. Click the **Computer Management Framework Settings** link.
4. Click the **Security** tab.
5. Select the **Enable Certificate-Based Communication** checkbox.

Distributing an MDM Profile for App Management

App management with the Casper Suite is limited to devices that have an MDM profile that supports app management capabilities. Devices must be running iOS 5 to obtain this profile.

iOS 5 devices that are newly enrolled with the Casper Suite v8.3 or later automatically obtain an MDM profile with these capabilities when they are enrolled. To update the MDM profile on devices that were enrolled with the Casper Suite v8.2 or earlier, you must distribute an updated MDM profile to the Self Service web clip. When a user installs the profile on an iOS 5 device, the device has app management capabilities.

Note: Only devices that are enrolled by OTA invitation or enrollment URL can obtain an updated MDM profile via the Self Service web clip.

To distribute an updated MDM profile:

1. Log in to the JSS with a web browser.
2. Click the **Settings** tab.
3. Click the **Mobile Device Management Framework Settings** link.
4. Ensure that the **Install Self Service Web Clip** option is selected, and then select **Prompt user to update MDM profile**.
5. Click **Save**.

Upgrading the JSS to Mac OS X Server 10.7

Follow these instructions to upgrade the JSS to Mac OS X Server 10.7.

To upgrade the JSS to Mac OS X Server 10.7:

1. Back up your current database.
2. Upgrade from Mac OS X 10.6 to 10.7.
3. Install Java 1.6.
4. Follow the instructions for upgrading the Casper Suite.

Implemented Feature Requests in 8.5

Composer

[FR-1303] Composer allows you to add a folder to the root of a package source.

JAMF Software Server

- [FR-0637], [FR-1113], [FR-1223], [FR-1224], [JAMF Nation [FR-110](#)] The JSS properly displays multi-line extension attributes in inventory.
- [FR-0805], [FR-1261], [JAMF Nation [FR-85](#)], [JAMF Nation [FR-177](#)] Advanced computer searches and smart computer groups based on Last Contact Time include a “less than x days ago” option.
- [FR-1306] Mobile Device Details reports display the bundle size and dynamic size of apps.
- [FR-1309] Advanced computer searches and smart computer groups based on extension attributes with a data type of “Date” include “less than x days ago” option.
- [FR-1316] The app name, bundle identifier, and version number for an in-house app populate automatically when the app is added to the Mobile Device App Catalog.
- [JAMF Nation [FR-14](#)] PreStages allow you to assign computer names based on serial number.
- [JAMF Nation [FR-169](#)] Self Service policy icons are reusable.
- [JAMF Nation [FR-195](#)] The Exchange ActiveSync payload for iOS configuration profiles includes a “No limit” option for the Mail Days to Sync setting.
- [JAMF Nation [FR-207](#)] The JSS allows you to distribute in-house eBooks, eBooks available in the iBookstore, and VPP codes for eBooks. Supported eBook file formats include iBooks files (.ibooks), ePub files (.epub), and PDF files.
- [JAMF Nation [FR-231](#)] The JSS allows you to run remote lock, remote unmanage, and remote wipe commands on Mac OS X 10.7 computers.
- [JAMF Nation [FR-236](#)] The Self Service web clip properly displays app names and descriptions that contain special characters.
- [JAMF Nation [FR-249](#)] Network segments can be sorted by display name, starting address, and ending address.
- [JAMF Nation [FR-317](#)] Mobile devices are listed in alphabetical order when assigning individual devices to a scope.
- [JAMF Nation [FR-336](#)] The JSS homepage displays a warning when an APNs certificate is due to expire in 30 days or less.
- [JAMF Nation [FR-353](#)] The JSS allows you to re-upload a VPP codes spreadsheet without losing the redemption status for existing VPP codes.
- [JAMF Nation [FR-363](#)] In the Mobile Device App Catalog, the “Deploy Automatically” option in the “Deployment” pop-up menu now reads “Prompt User to Install.”
- [JAMF Nation [FR-380](#)] The JSS allows you to add a user name field to the default mobile device inventory search results.

Recon

- [FR-1313] The **Do not scan IPs of computers already in the JSS** checkbox is selected by default.
- [JAMF Nation [FR-331](#)] Network scanner settings can be saved and renamed.

Self Service

[FR-1000] The name of the Self Service application can be customized from the JSS.

Bug Fixes and Enhancements in 8.5

Casper Admin

- [D-001655] Fixed an issue that caused compiled configurations to fail when packages that can only be installed to the boot volume are included in the configuration.
- [D-001875] Fixed an issue that prevented Casper Admin from creating a Mac OS X 10.7 installer when Time Machine is enabled.
- [D-001985] Fixed an issue that caused Casper Admin to duplicate a partition when creating a new configuration that includes a partition and a description.
- [D-002294] Casper Admin is more stable when running on Mac OS X 10.7.
- [D-002525] Fixed an issue that caused the JSS to install the wrong package on PowerPC computers when deploying a package that has an alternate package chosen from the **If the target is not PowerPC** pop-up menu on the Options pane.
- [D-002610] Fixed an issue that caused Casper Admin to display passwords in plain text when run on computers that cannot resolve the JSS URL.
- [D-002701] Fixed an issue that caused Casper Admin to incorrectly return an error when compiling a configuration with a package that has "Error" in the name.
- [D-002704] Casper Admin now displays a message if there are no installation options available for a Mac OS X installer.

Casper Imaging

- [D-002294] Casper Imaging is more stable when running on Mac OS X 10.7.
- [D-002544] Fixed an issue that caused Casper Imaging to crash when writing network settings on a drive without an existing `/Library/Preferences/SystemConfiguration/preferences.plist` file.
- [D-002592] Fixed an issue that prevented Casper Imaging from setting the name on the target partition if the name contains an apostrophe (').
- [D-002740] Fixed an issue that prevented Casper Imaging from enrolling a computer with the JSS when initially saving Autorun data for the computer.
- [D-002745] Fixed an issue that prevented Casper Imaging from displaying packages for secondary partitions in the correct order.
- [D-002745] Fixed an issue that caused Casper Imaging to install the jamfHelper into the wrong directory if a copy already exists in the base image.

Casper Remote

- [D-001887] Fixed an issue that prevented Casper Remote from displaying the progress for a large package installation from a distribution point with HTTP downloads enabled.

- [D-002294] Casper Remote is more stable when running on Mac OS X 10.7.
- [D-002558] Fixed an issue that prevented Casper Remote from connecting to the JSS if the JSS contains a computer record with an IP address of “null”.
- [D-002596] Fixed an issue that caused Casper Remote to create an invalid shell on the temporary account during a screen sharing session. This prevents you from launching Terminal on the client computer during screen sharing.
- [D-002628] Fixed an issue that prevented Casper Remote from prompting users to allow or deny screen sharing.
- [D-002630] Fixed an issue that caused Casper Remote to allow a screen sharing session to take place even if the user denies the request to screen share.

Composer

- [D-000821] Fixed an issue that caused Composer to return an error when building packages on a volume with more than 2 TB of free space.
- [D-002510] Composer now displays a more accurate error message when attempting to save a DMG to a location that the user does not have write access to.
- [D-002530] Composer now creates the expected file structure when a folder containing one of the following directories is dragged into the Sources list:
 - /Applications/
 - /Developer/
 - /Library/
 - /System/
 - /Users/
 - /bin/
 - /private/
 - /sbin/
 - /usr/
- [D-002576] Composer now allows you to copy user data from a non-standard location to the standard location when creating a package source.

This was also submitted as a feature request in JAMF Nation. View it in JAMF Nation at: <https://jamfnation.jamfsoftware.com/featureRequest.html?id=213>
- [D-002579] Fixed an issue that prevented Composer from capturing data for users named “administrator” when taking a normal snapshot.
- [D-002598] Fixed an issue that prevented Composer from displaying the contents of a package source when the package source is renamed.
- [D-002600] Fixed an issue that caused Composer to crash when replacing a file in a package source.
- [D-002605] Fixed an issue that caused Composer to crash when Option-clicking a folder in a package source to expand the folder.
- [D-002606] Composer now displays a “Delete” option when Control-clicking (or right-clicking) multiple selected files.

This was also submitted as a feature request in JAMF Nation. View it in JAMF Nation at: <https://jamfnation.jamfsoftware.com/featureRequest.html?id=241>

- [D-002612] Fixed an issue that caused Composer to change uppercase letters in a bundle identifier to lowercase.
- [D-002620] Fixed an issue that caused Composer to duplicate directories when creating more than one directory in a package source.
- [D-002621] Fixed an issue that caused Composer to delete a package source when pressing Command + Delete twice in a row to remove two files from a package source.
- [D-002622] Fixed an issue that caused Composer to duplicate files when manually adding a file or directory to a package source.

jamfHelper

[D-002460] Fixed an issue that prevented the jamfHelper from displaying more than one message to users after launching.

JAMF Software Server

- [D-000509] Fixed an issue that prevented the JSS from adding a user group to the scope for a policy when you type the user group name and press the Enter key.
- [D-001264] Fixed an issue that caused the JSS to incorrectly add a record to the Location History for a computer.
- [D-001524] Fixed an issue that caused enrollment profiles downloaded from the JSS to contain keys that are not recognized by iPCU.
- [D-002085] Fixed an issue that caused the JSS to report an inaccurate number of unmanaged computers in General settings.
- [D-002151] The JSS now displays a warning when trying to install a Mac OS X configuration profile if certificate-based communication and push notifications for Mac OS X 10.7 clients are not enabled.
- [D-002152] Fixed an issue that prevented JSS sessions in Firefox from being fully terminated after logging out.
- [D-002172] Updated the description of the Self Service web clip **Install All** button in the *Casper Suite Administrator's Guide* and the JSS interface for clarity.
- [D-002200] Fixed an issue that prevented the JSS from removing a managed app from mobile devices if the app was installed from the Self Service web clip.
- [D-002217] Fixed an issue that prevented the JSS from automatically deploying an App Store app to a mobile device if the app was previously installed from the App Store and then removed.
- [D-002230] Fixed an issue that prevented advanced mobile device app searches from being viewed in CSV, Tab, or XML formats.
- [D-002286] Fixed an issue that allowed duplicate user names to be added to the Global Exemption list for restricted software.
- [D-002288] Fixed an issue that caused the Global Exemption list for restricted software to re-sort itself.
- [D-002295] Switching the level (computer-level or user-level) of a Mac OS X configuration profile in the JSS now removes the profile from the section of System Preferences that it was previously displayed in on client computers.

- [D-002297] Fixed an issue that prevented the JSS from properly executing Windows scripts that contain an ampersand (&).
- [D-002304] Fixed an issue that prevented the JSS from dynamically updating the membership for smart computer groups based on Last Contact Time criteria.
- [D-002307] Fixed an issue that prevented the “Recent Items Settings” managed preference in the com.apple.recentitems template from applying to Mac OS X 10.6 and 10.7 computers.
- [D-002308] Fixed an issue that caused the JSS to display “MacBook Pro (Early 2011)” as the model name for MacBook Pros from late 2011.
- [D-002309] Fixed an issue that caused smart mobile device groups based on Capacity criteria to return all mobile devices.
- [D-002310] The JSS now allows you to enter a share name of up to 255 characters when adding a distribution point.
- [D-002319] Fixed an issue that prevented users from simultaneously installing multiple managed App Store apps with VPP codes.
- [D-002356] Fixed an issue that prevented the JSS from storing imaging information for computers imaged with a PreStage.
- [D-002364] Fixed an issue that caused the Policy Assistant in the JSS to incorrectly prevent you from adding a script with a priority of “At Reboot”.
- [D-002369] Fixed an issue that prevented the “Managed Home Sync Inclusions” and “Managed Home Sync Exclusions” managed preferences in the com.apple.homeSync template from applying to computers.
- [D-002373] Fixed an issue that prevented users from installing an App Store app from the Self Service web clip if the users canceled the installation during a previous attempt.
- [D-002376] Fixed an issue that caused the JSS to allow invalid file types to be uploaded when using the Push Notification Certificate Assistant.
- [D-002378] Fixed an issue that caused advanced mobile device searches based on Bluetooth or WiFi MAC address criteria to return all mobile devices.
- [D-002394] Fixed an issue that caused the JSS to overwrite purchasing information for a mobile device when updating the MDM profile on the device.
- [D-002409] Fixed an issue that prevented the JSS from updating the membership for a smart computer group with IP Address criteria set to “not like”.
- [D-002443] Fixed an issue that caused the JSS to clear the settings for an iOS or a Mac OS X configuration profile payload when uploading a file to the payload.
- [D-002447] Fixed an issue that caused the JSS to write errors to Tomcat’s localhost.log file when certain malformed requests came in.
- [D-002477] Fixed an issue that caused dates to include an underscore (_) when viewing computer search results in the CSV format.
- [D-002482] Fixed an issue that caused advanced computer searches and smart computer groups to return incorrect results when an invalid name is specified for the Building or Department criteria.
- [D-002493] Fixed an issue that prevented smart mobile device groups and advanced mobile device searches based on Hardware Encryption criteria from returning accurate results.
- [D-002496] Fixed an issue that caused smart mobile device groups based on Voice Roaming Enabled criteria to include all devices.

- [D-002497] Fixed an issue that prevented advanced mobile device searches based on Security or Network criteria from returning accurate results.
- [D-002499] Fixed an issue that caused the JSS to return an internal server error when performing a mass update on mobile device purchasing information from GSX.
- [D-002501] Fixed an issue that caused advanced software searches based on "License Registered To" criteria to return all licensed software.
- [D-002506] Fixed an issue that caused advanced mobile device searches based on Mobile Device Model criteria set to "is" or "like" to return no matches.
- [D-002507] An error is now displayed in the logs for policies that fail when a script is not available on the distribution point.
- [D-002514] Fixed an issue that prevented the JSS from displaying user and group names in the Login Window payload for saved Mac OS X configuration profiles.
- [D-002518] Fixed an issue that caused the JSS to display "Not available" in the **Date** field for redeemed VPP codes.
- [D-002547] Fixed an issue that caused the JSS to log an error when manually acquiring a computer.
- [D-002549] Fixed an issue that caused the JSS to display an error in the Casper Imaging logs for computers that are not already in the JSS at the time they are imaged.
- [D-002557] Fixed an issue that caused the VPN payload for iOS configuration profiles to incorrectly require account and group information when the Connection Type is "Cisco AnyConnect".
- [D-002562] "Custom SSL" is now displayed as a Connection Type in the VPN payload for iOS configuration profiles.
- [D-002573] Fixed an issue that caused iOS configuration profiles with an Email payload to disable the required fields in the Email settings on mobile devices.
- [D-002578] The JSS now allows you to enter up to 255 characters in the **Position** field in a computer's Location information.
- [D-002586] Fixed an issue that prevented the "Application Tiles" managed preference in the com.apple.Dock template from being applied properly on Mac OS X 10.6 and 10.7 computers when set to user-level enforced.
- [D-002589] Fixed an issue that caused the JSS to stall or crash when attempting to display the logs for packages installed by `Installer.app` or Software Update.
- [D-002591] Fixed an issue that caused App Store apps to continue to be displayed in the Self Service web clip after they have been installed and prevented the JSS from updating the redemption status of VPP codes.
- [D-002607] Fixed an issue that caused the JSS to display incomplete policy logs for scripts that include an ampersand (&) in their output.
- [D-002609] Policies that require a reboot in zero minutes now display a Reboot message before rebooting client computers.
- [D-002613] Fixed an issue that prevented Mac OS X configuration profiles with a Network payload for an 802.1x network from passing network authentication credentials to computers.
- [D-002617] Fixed an issue that caused the JSS to overwrite a managed mobile device's location information with a computer's location information if the device is connected to the computer and a network segment overrides the computer's location information.
- [D-002636] The JSS now displays failed policies in red in the policy logs for a specific computer.

- [D-002637] The default log directory for Change Management in the JSS is now populated based on the platform that the JSS is hosted on.
- [D-002639] The JSS can now read information for PKCS12 keystore files.
- [D-002641] Fixed an issue that prevented the JSS from accurately reporting the state of mobile device apps.
- [D-002650] Fixed an issue that prevented the JSS from displaying inventory information that contains special characters.
- [D-002658] The Self Service web clip now displays updates for managed apps.
- [D-002659] Fixed an issue that prevented the JSS Summary from reporting the correct scope for mobile device apps.
- [D-002660] Fixed an issue that caused user-level Mac OS X configuration profiles to be re-installed at every user login.
- [D-002661] Fixed an issue that prevented the JSS from attempting to re-install failed Mac OS X configuration profiles until six hours after the initial failure.
- [D-002669] The JSS now accurately reports the redemption status and date redeemed for VPP codes.
- [D-002672] Fixed an issue that caused the JSS to display the size of a secondary hard drive as the size of a primary hard drive.
- [D-002673] Fixed an issue that prevented the JSS API from properly returning the HTTP URL and port for distribution points.
- [D-002674] The JSS now populates the bundle identifier when linking to an App Store app.
- [D-002688] Fixed an issue that caused the Spotlight system preference to be disabled when a Mac OS X configuration profile with a Restriction payload is installed.
- [D-002691] Fixed an issue that prevented Mac OS X configuration profiles from being installed within five minutes in clustered environments.
- [D-002694] Fixed an issue that caused "
" to appear in managed preferences created from templates, preventing the preferences from being applied.
- [D-002696] Fixed an issue that caused the JSS to return a 500 error when uploading an icon for a Self Service URL plug-in if the JSS is hosted on a Linux server.
- [D-002703] Fixed an issue that prevented the JSS from installing user-level Mac OS X configuration profiles in a clustered environment.
- [D-002680] The JSS API now allows you to create and update static mobile device groups, and update smart mobile device groups.
- [D-002681] Fixed an issue that caused advanced mobile device searches based only on General criteria to return inaccurate results.
- [D-002692] Fixed an issue that caused computers to be un-enrolled when submitting improperly formatted inventory.
- [D-002712] Fixed an issue that prevented multiple Custom Settings payloads from being added to Mac OS X configuration profiles.
- [D-002749] Fixed a cross-site scripting (XSS) vulnerability on the computerLogs.html page.

JSS Database Utility

[D-002593] Fixed an issue that caused the JSS Database Utility to default to the root directory instead of the home directory when restoring a database backup.

JSS Installer for Windows

[D-001837] The JSS Installer for Windows (`JSS_Installer.msi`) now backs up and restores the `database.xml` file when upgrading the JSS.

Recon

- [D-002398] Recon now allows you to choose a warranty, lease, and maintenance expiration date that is in the future.
- [D-002471] Fixed an issue that caused network scans to fail after one week if Recon is not restarted.
- [D-002472] Increased the security of network scans.
- [D-002558] Fixed an issue that prevented Recon from connecting to the JSS if the JSS contains a computer record with an IP address of "null".
- [D-002566] Fixed an issue that caused Recon to display an HTTP Status 500 error when locally acquiring a computer with a user home directory or user name that contains a percent symbol (%).
- [D-002652] Fixed an issue that prevented Recon from submitting inventory when the management account on the computer does not have a user's home folder.

Recon.exe

- [D-002196] Fixed an issue that prevented Recon.exe from reporting applications.
- [D-002415] Fixed a problem that caused Recon.exe to be displayed as "QuickAdd" in the Add/Remove Programs list on Windows computers.

Self Service

- [D-002626] Fixed an issue that prevented Self Service from automatically closing the policy description after installing a policy on a client.
- [D-002316] Fixed an issue that prevented Self Service from properly displaying icons for URL plug-ins if the JSS is hosted on Windows or Linux.
- [D-002399] Self Service now displays a message stating the success or failure of a policy.
- [D-002413] Fixed an issue that caused Self Service to prompt users for administrator credentials before running a policy.
- [D-002560] Fixed an issue that prevented Self Service from showing the progress of large Adobe installations.

- [D-002633] Fixed an issue that prevented Self Service from displaying URL plug-ins that contain special characters in the description.
- [D-002732] Fixed an issue that prevented Self Service URL plug-ins from working properly if there is a special character in the URL.

/usr/sbin/jamf (jamf binary)

- [D-002210] Fixed an issue that prevented scripts with an .applescript extension from being executed from a distribution point with HTTP downloads enabled.
- [D-002240] The jamf binary now displays an error in policy logs when binding to Active Directory fails.
- [D-002265] Fixed an issue that prevented the jamf binary from installing packages and scripts with an apostrophe (') in the filename.
- [D-002296] Fixed an issue that caused the jamf binary to repeatedly submit logs for offline policies when Max Clock Skew is enabled in the JSS and the time on the client and server differs by more than the specified number of minutes.
- [D-002553] Fixed an issue that caused the jamf binary to flush policy history for computers when upgrading from v8.31 to v8.4 and enabling certificate-based communication in the JSS if certificate-based communication was disabled in v8.31.
- [D-002556] Fixed an issue that caused the jamf binary to return a 401 Failure error when collecting inventory if certificate-based communication is enabled in the JSS.
- [D-002574] Fixed an issue that caused the `sudo jamf enroll` command to enroll unmanaged Mac OS X 10.7 computers twice.
- [D-002614] Fixed an issue that caused the jamf binary to run a policy multiple times on the same computer if the policy fails to complete before the next trigger.
- [D-002623] Fixed an issue that prevented the jamf binary from submitting policy logs to a JSS hosted on Windows when certificate-based communication is enabled.
- [D-002651] Fixed an issue that prevented the jamf binary from submitting inventory information for applications with a special character in the name.
- [D-002665] Fixed an issue that prevented the jamf binary from downloading packages and scripts over HTTP from distribution points that use Digest authentication.
- [D-002675] Fixed an issue that prevented the jamf binary from properly detecting proxy servers.
- [D-002698] Fixed an issue that prevented the jamf binary from binding Mac OS X 10.7 computers to Open Directory.
- [D-002743] Fixed an issue that caused inventory updates to fail for computers that have a percent symbol (%) in a receipt name.

Implemented Feature Requests in 8.51

The following feature request is implemented in the Casper Suite v8.51:

[JAMF Nation [FR-405](#)] The JSS allows you to create or upload an iOS configuration profile that includes a web clip with the tel:// prefix.

Bug Fixes and Enhancements in 8.51

Casper Imaging

- [D-002771] Fixed an issue that caused Casper Imaging to crash when copying scripts set to run at reboot.
- [D-002773] Fixed an issue that prevented Casper Imaging from creating management accounts.